

FIG.1

FIG.2

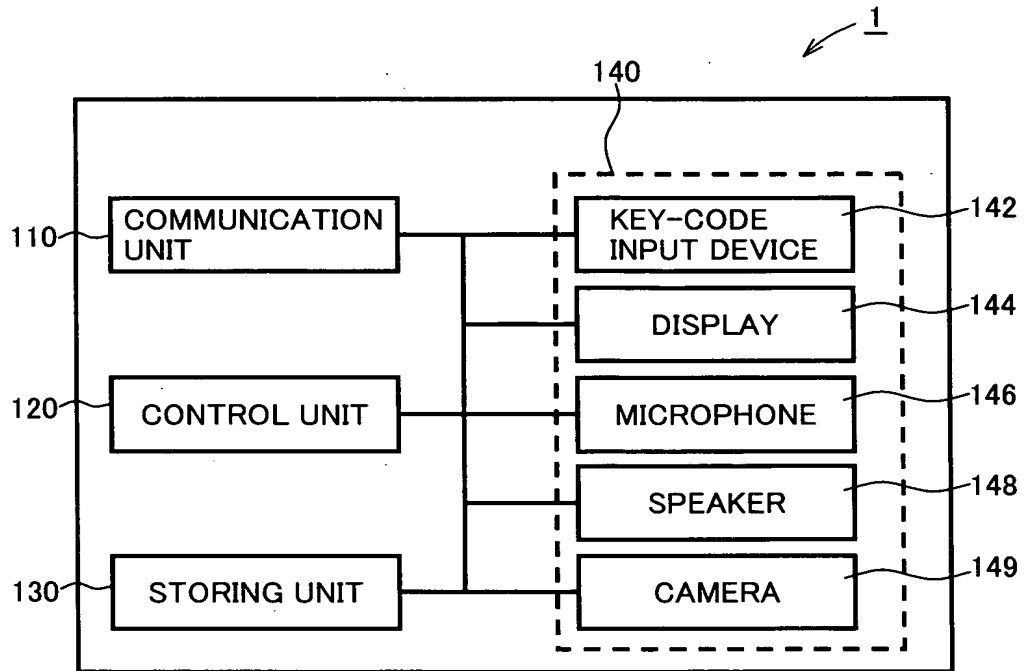


FIG.3

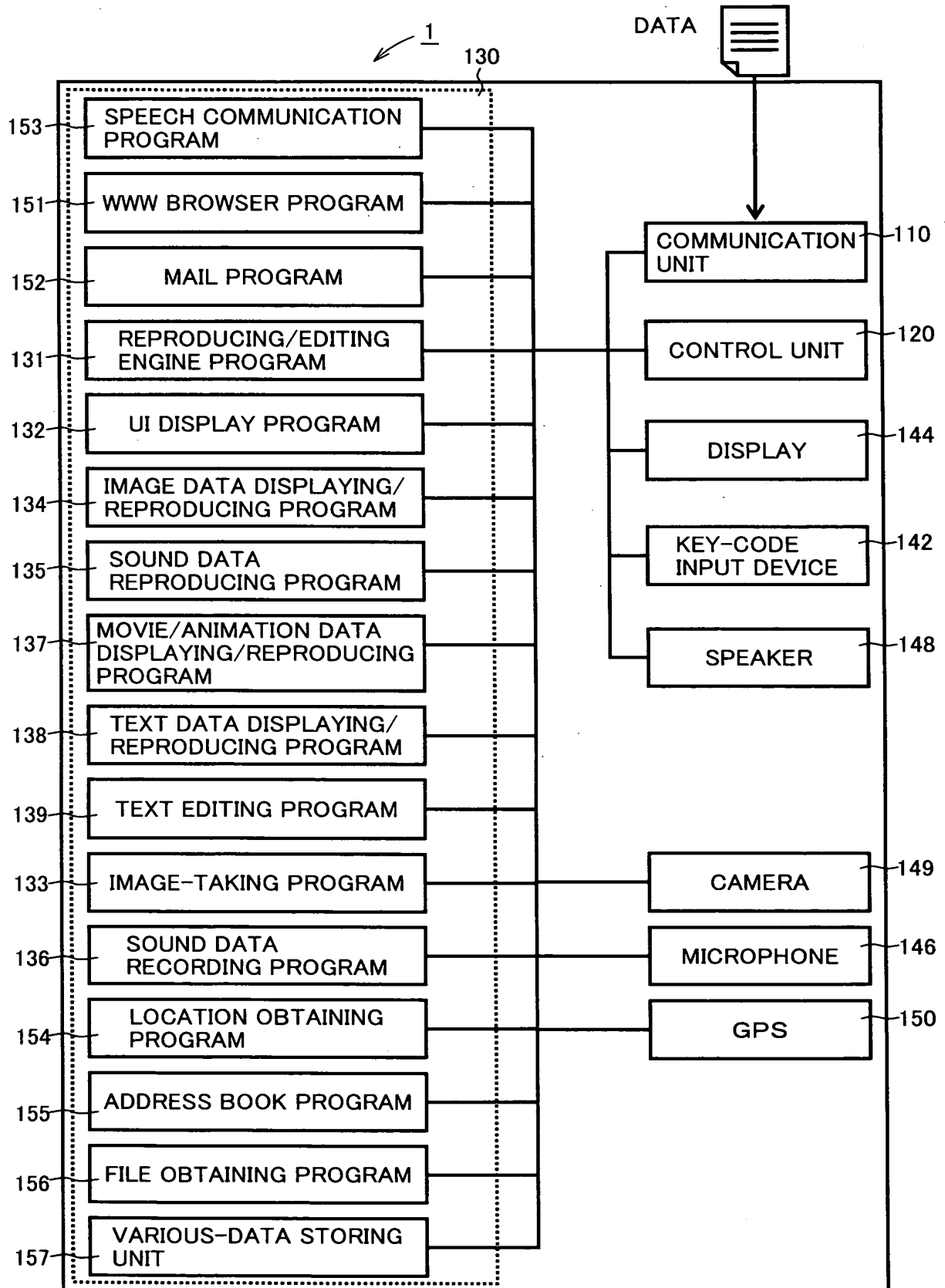


FIG.4

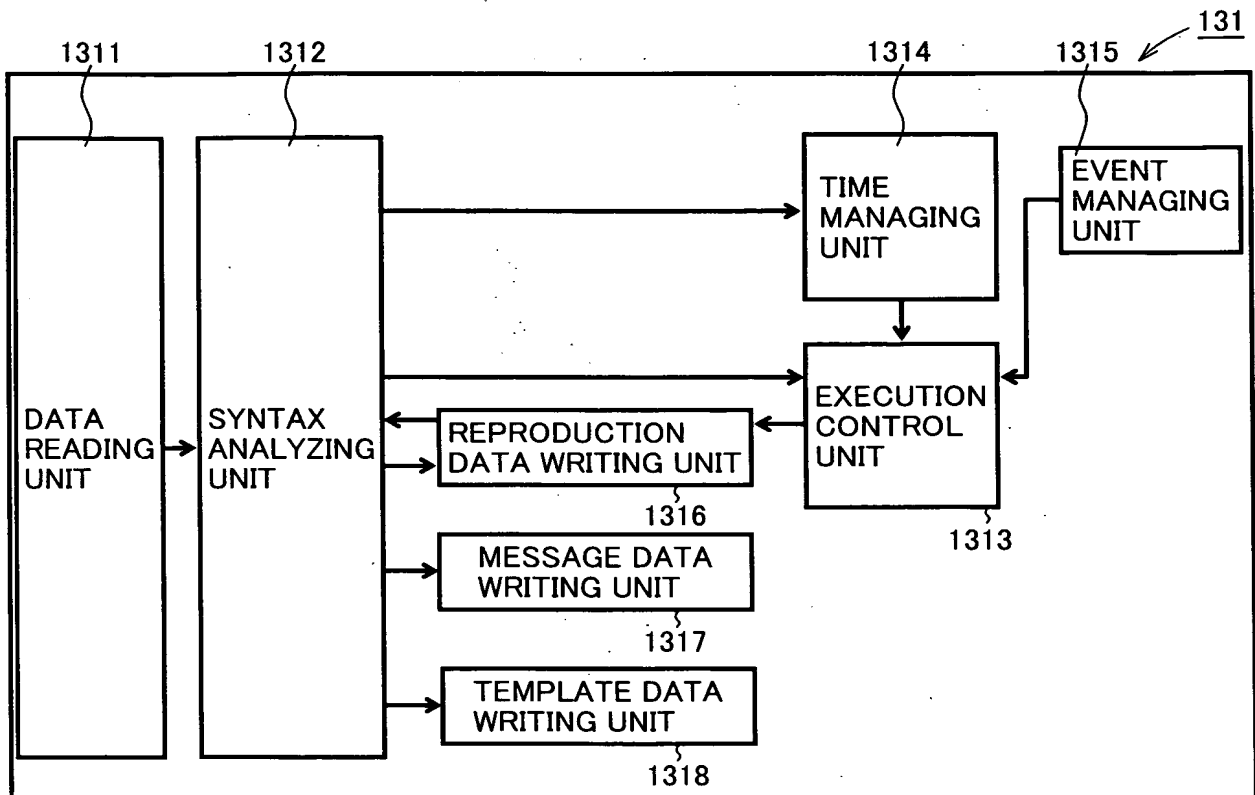


FIG.5

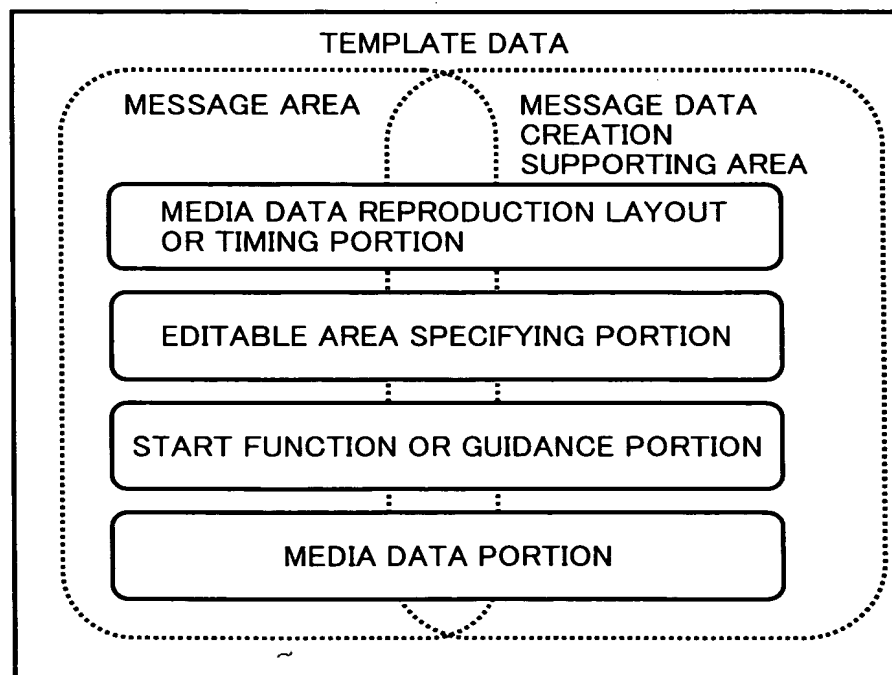


FIG.6

```

1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <meta name="replace" content="FirstText.txt:text_edit" />
7.    <meta name="replace" content="SecondImage.jpg:camera" />
8.    <meta name="replace" content="SecondSound.mp3:mic" />
9.    <layout>
10.     <root-layout width="240" height="300"/>
11.     <region id="Image" width="240" height="240" left="0" top="0" />
12.     <region id="Text" width="240" height="60" left="0" top="240"/>
13.   </layout>
14. </head>
15. <body>
16.   <par dur = "8s">
17.     <video src = "FirstImage.mpg" region="Image" />
18.     <text id="text1" src="FirstText.txt" region="Text" />
19.     <audio src = "FirstSound.smf" />
20.     <guidance desc="ENTER MESSAGE" />
21.   </par>
22.   <par dur = "8s">
23.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
24.     <text src="SecondText.txt" region="Text" />
25.     <audio id="audio2" src = "SecondSound.mp3" />
26.     <guidance desc="TAKE PICTURE" />
27.     <guidance desc="RECORD VIA MIC" />
28.   </par>
29. </body>
30. </smil>

```

EDITABLE AREA  
SPECIFYING PORTION  
START FUNCTION OR  
GUIDANCE PORTION

MEDIA DATA REPRODUCTION LAYOUT OR TIMING  
PORTION

GUIDANCE  
PORTION

GUIDANCE  
PORTION

FIG.7

```

1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text" />
16.     <audio src = "FirstSound.smf" />
17.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.   </par>
19.   <par dur = "8s">
20.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
21.     <text src="SecondText.txt" region="Text" />
22.     <audio id="audio2" src = "SecondSound.mp3" />
23.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.   </par>
26. </body>
27. </smil>

```

MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION

START FUNCTION OR GUIDANCE PORTION  
EDITABLE AREA  
SPECIFYING PORTION

MEDIA DATA  
REPRODUCTION  
LAYOUT OR  
TIMING PORTION

START FUNCTION OR GUIDANCE PORTION  
EDITABLE AREA SPECIFYING PORTION

FIG.8

video	START VIDEO CAMERA
camera	START CAMERA
text_edit	ENTER TEXT
mic	RECORD SOUND
file	SELECT FILE
http	START WWW BROWSER
phone	START SPEECH COMMUNICATION

FIG.9

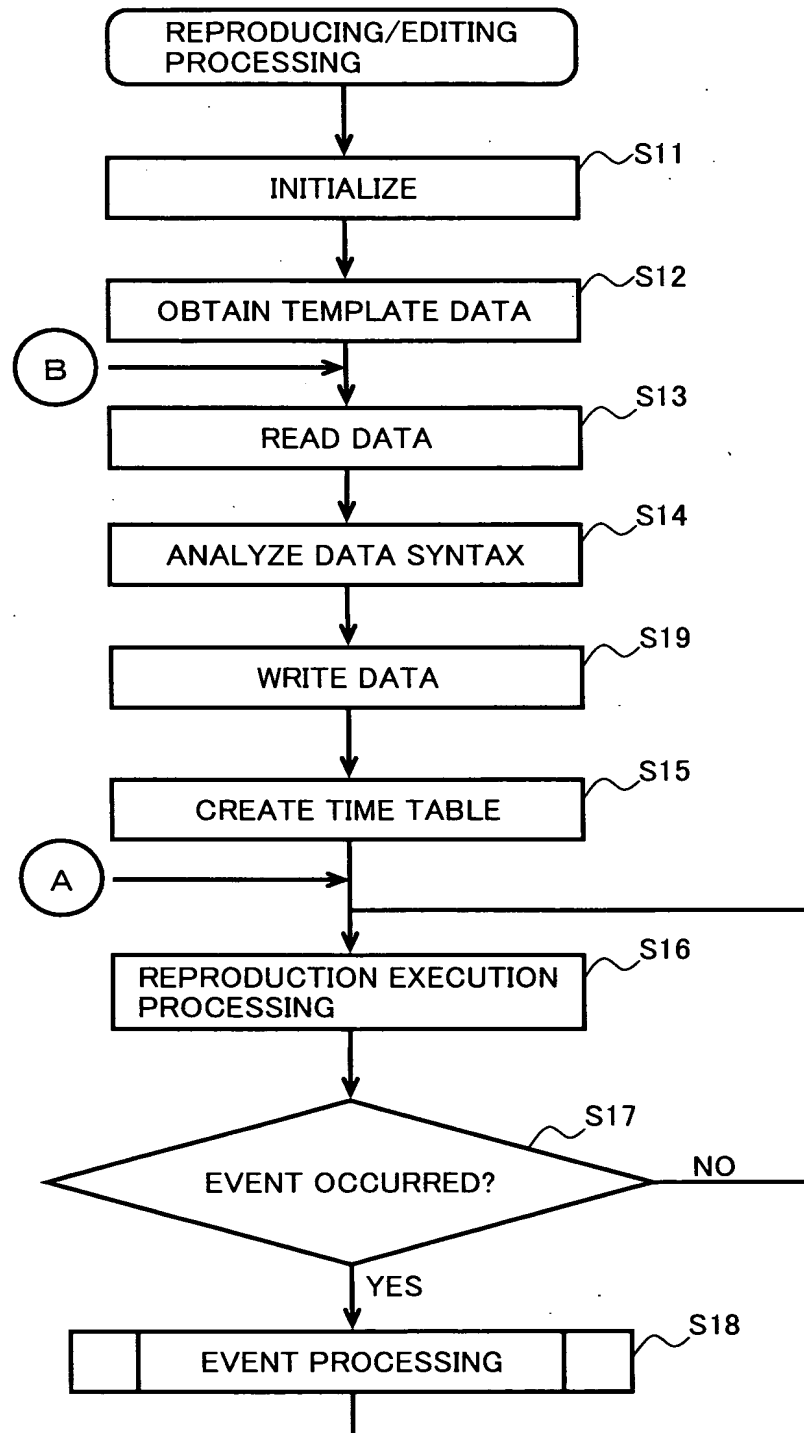


FIG.10

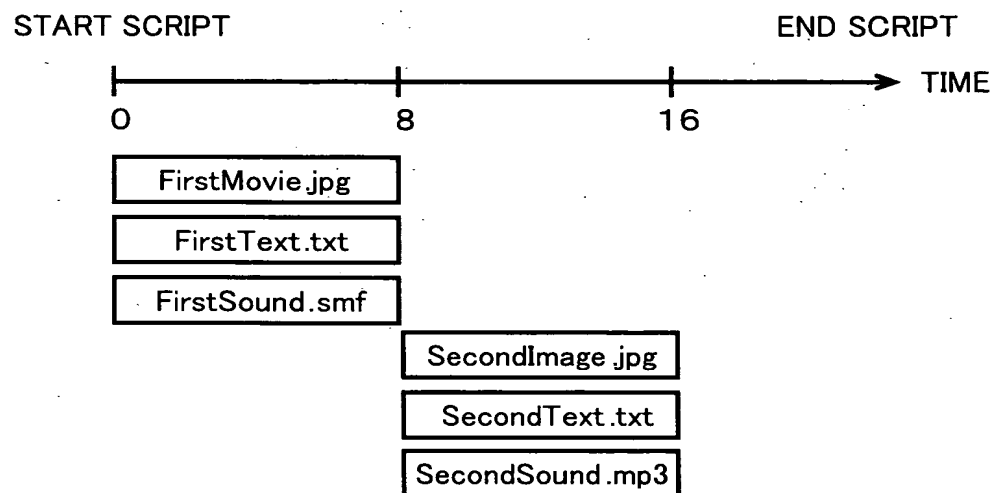


FIG.11

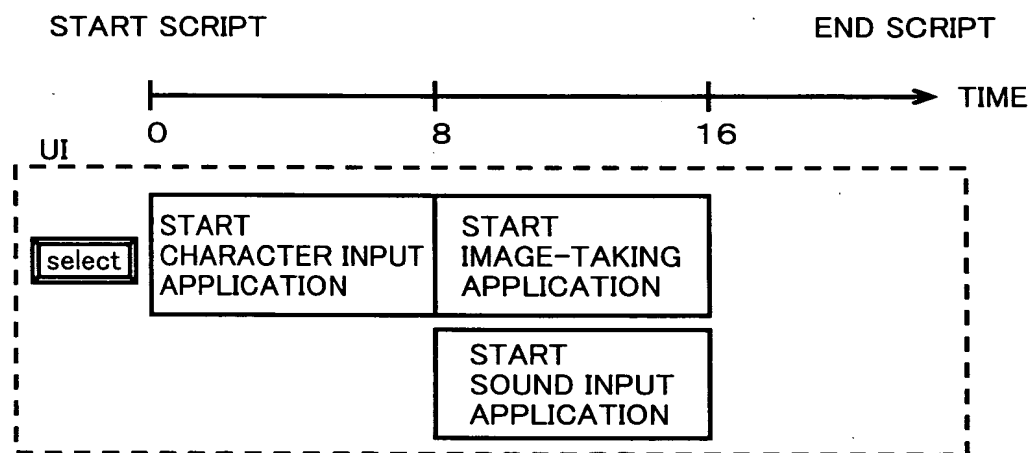


FIG.12

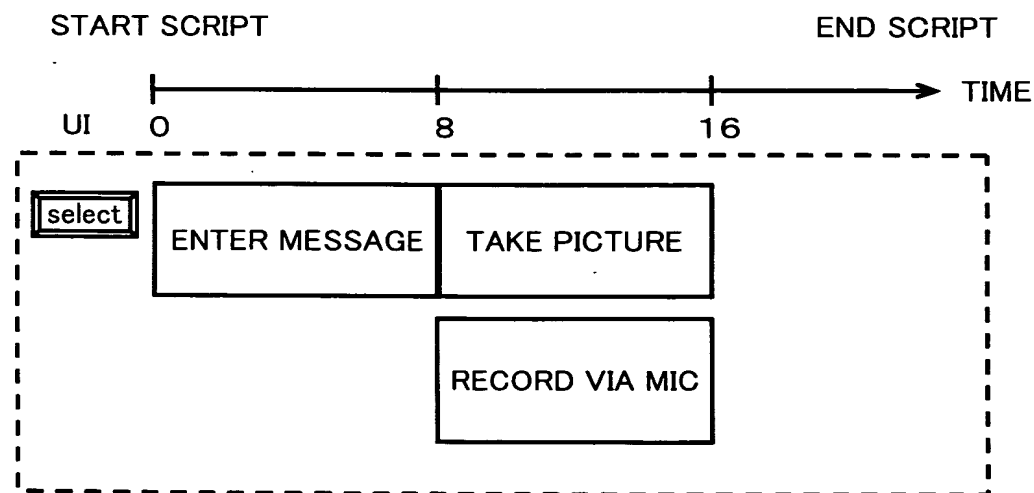




FIG.13

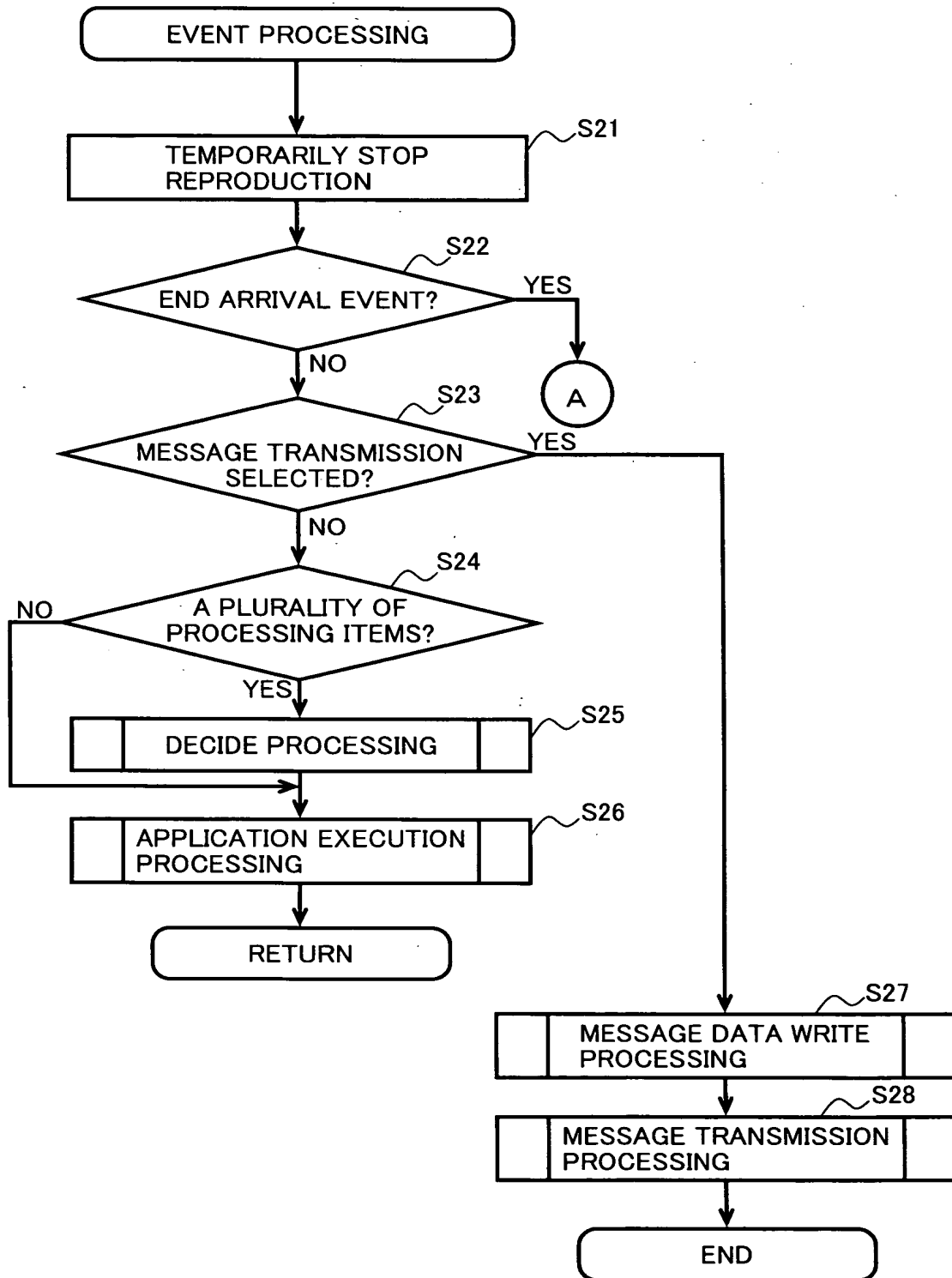


FIG.14

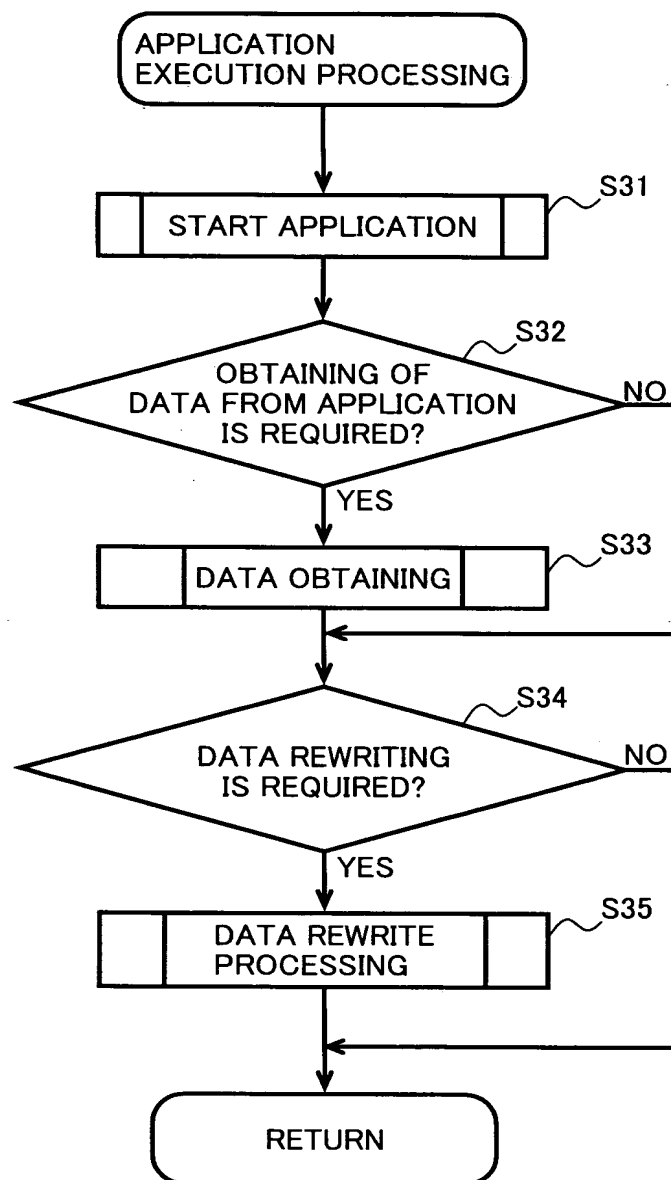


FIG.15

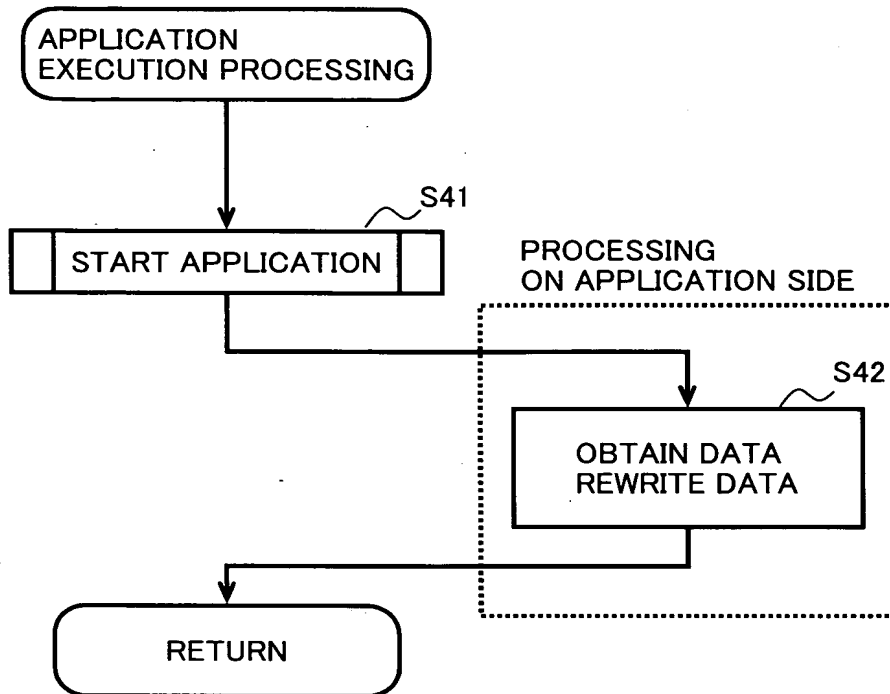


FIG.16

```

1.    <smil>
2.    <head>
3.        <meta name="title" content="Happy Birthday" />
4.        <meta name="author" content="Sharp" />
5.        <meta name="role" content="template" />
6.        <meta name="replace" content="InputtedText.txt:text_edit" />
7.        <meta name="replace" content="InputtedImage.jpg:camera" />
8.        <meta name="replace" content="SecondSound.mp3:mic" />
9.    <layout>
10.        <root-layout width="240" height="300"/>
11.        <region id="Image" width="240" height="240" left="0" top="0" />
12.        <region id="Text" width="240" height="60" left="0" top="240"/>
13.    </layout>
14. </head>
15. <body>
16.     <par dur = "8s">
17.         <video src = "FirstMovie.mpg" region="Image" />
18.         <text id="text1" src="InputtedText.txt" region="Text" />
19.         <audio src = "FirstSound.smf" />
20.         <guidance desc="ENTER MESSAGE" />
21.     </par>
22.     <par dur = "8s">
23.         <img id="pic2" src = "InputtedImage.jpg" region="Image" />
24.         <text src="SecondText.txt" region="Text" />
25.         <audio id="audio2" src = "SecondSound.mp3" />
26.         <guidance desc="TAKE PICTURE" />
27.         <guidance desc="RECORD VIA MIC" />
28.     </par>
29. </body>
30. </smil>

```

CHANGED PORTIONS

CHANGED PORTION

CHANGED PORTION

FIG.17

```
1.      <smil>
2.      <head>
3.          <meta name="title" content="Happy Birthday" />
4.          <meta name="author" content="Sharp" />
5.          <meta name="role" content="template" />
6.          <layout>
7.              <root-layout width="240" height="300"/>
8.              <region id="Image" width="240" height="240" left="0" top="0" />
9.              <region id="Text" width="240" height="60" left="0" top="240"/>
10.         </layout>
11.      </head>
12.      <body>
13.          <par dur = "8s">
14.              <video src = "FirstMovie.mpg" region="Image" />
15.              <text id="text1" src="InputtedText.txt" region="Text" />
16.              <audio src = "FirstSound.smf" />
17.              <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.          </par>
19.          <par dur = "8s">
20.              <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.              <text src="SecondText.txt" region="Text" />
22.              <audio id="audio2" src = "SecondSound.mp3" />
23.              <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.              <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.          </par>
26.      </body>
27.      </smil>
```

FIG.18

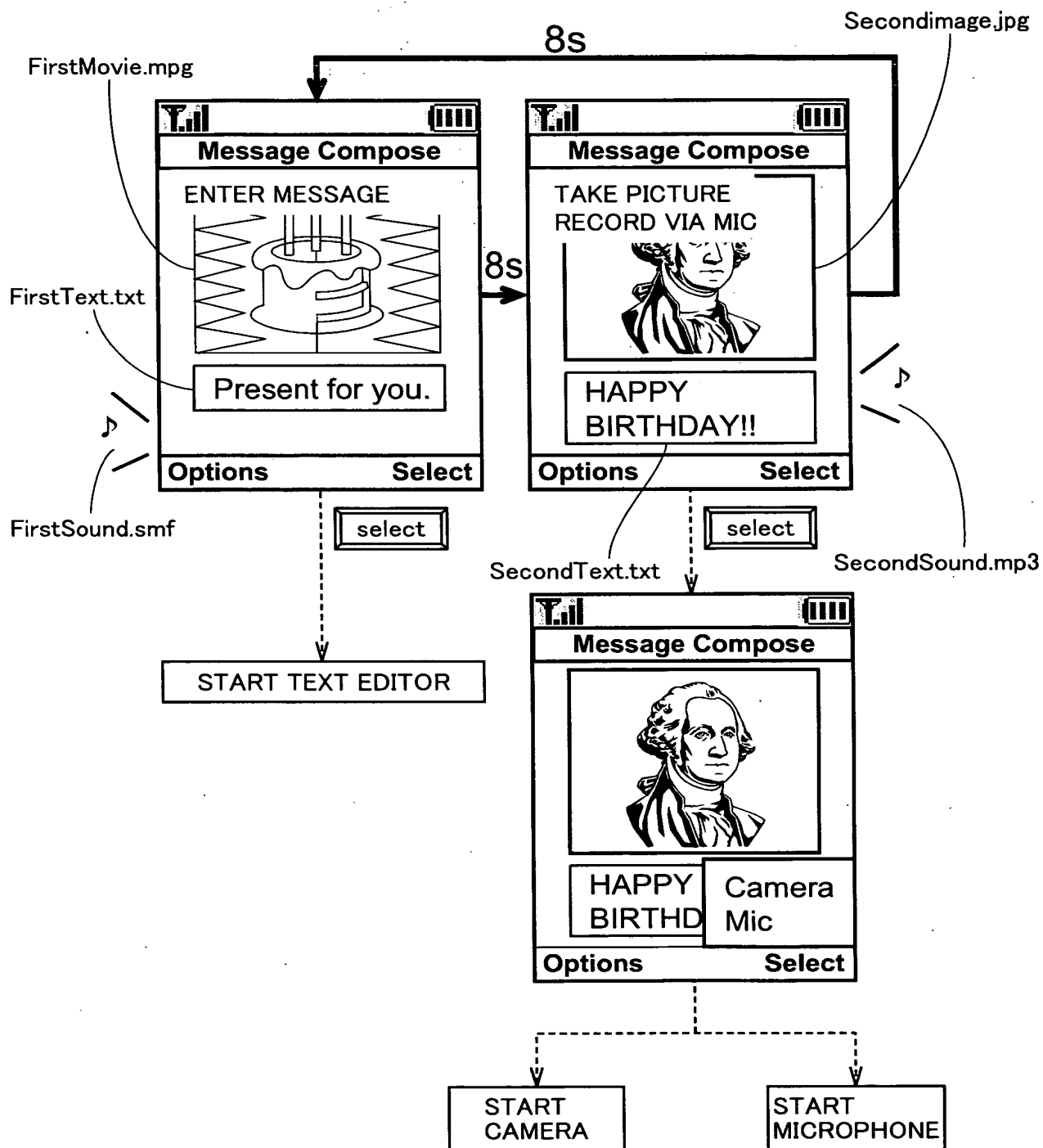


FIG.19

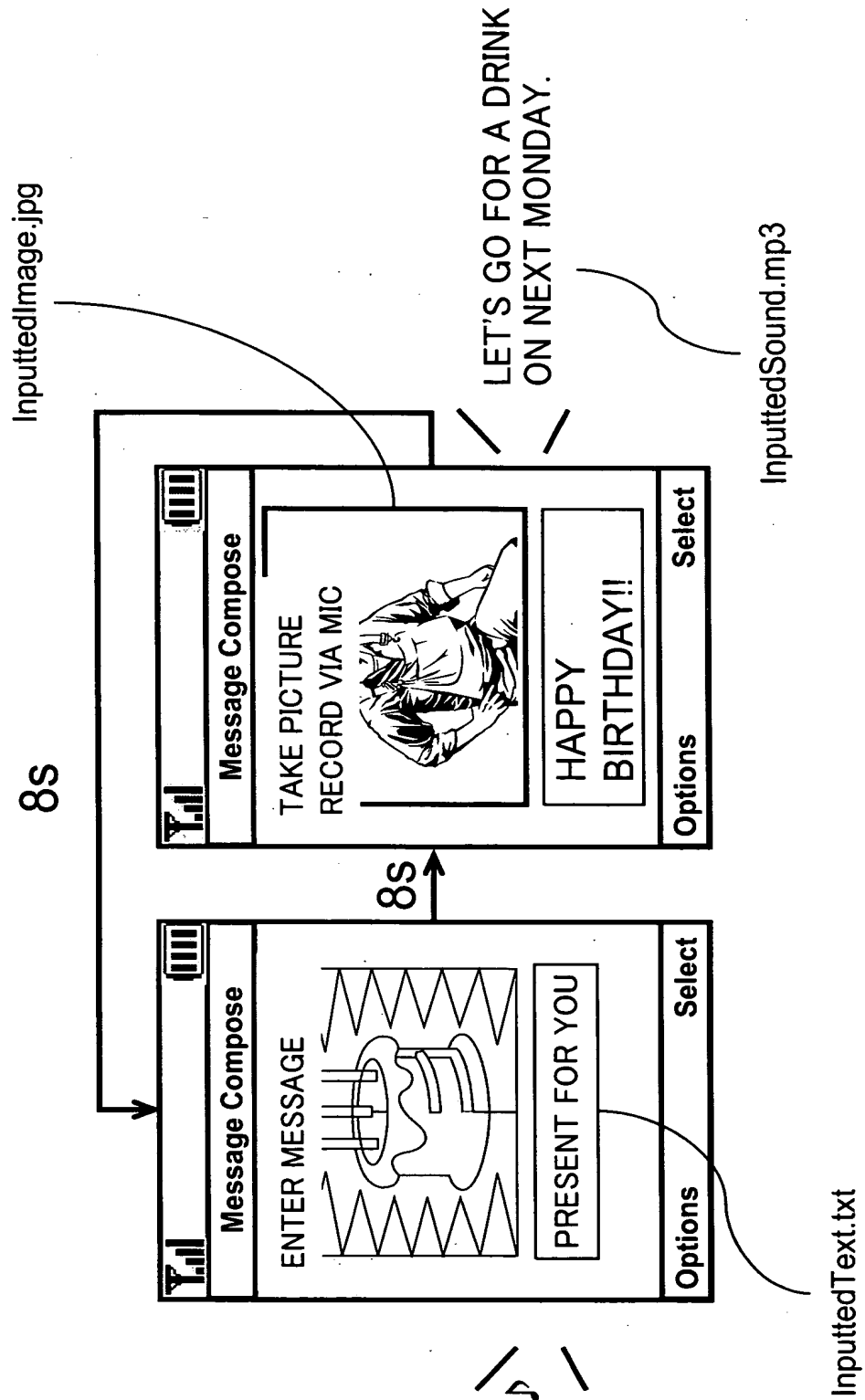


FIG.20

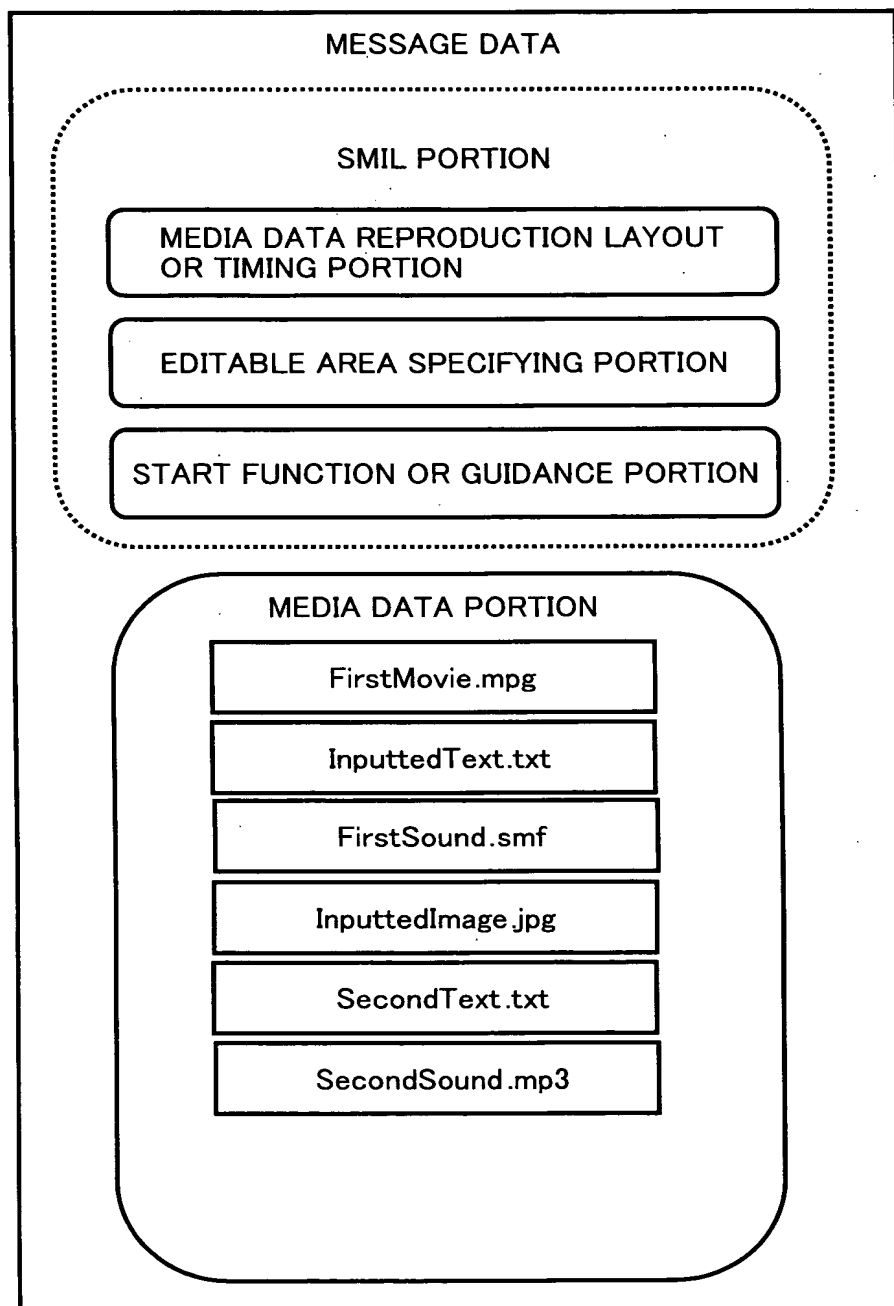




FIG.21

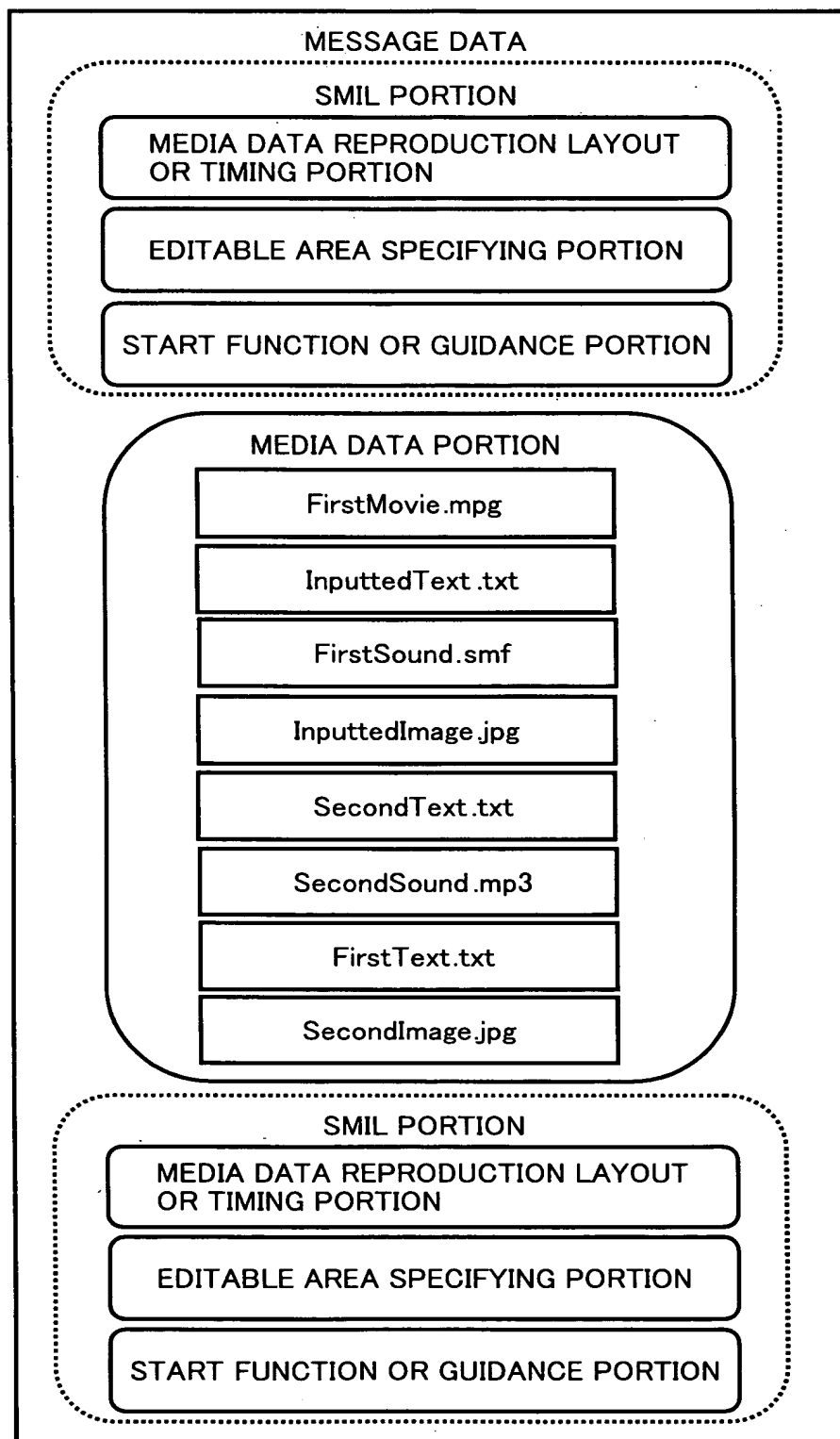


FIG.22

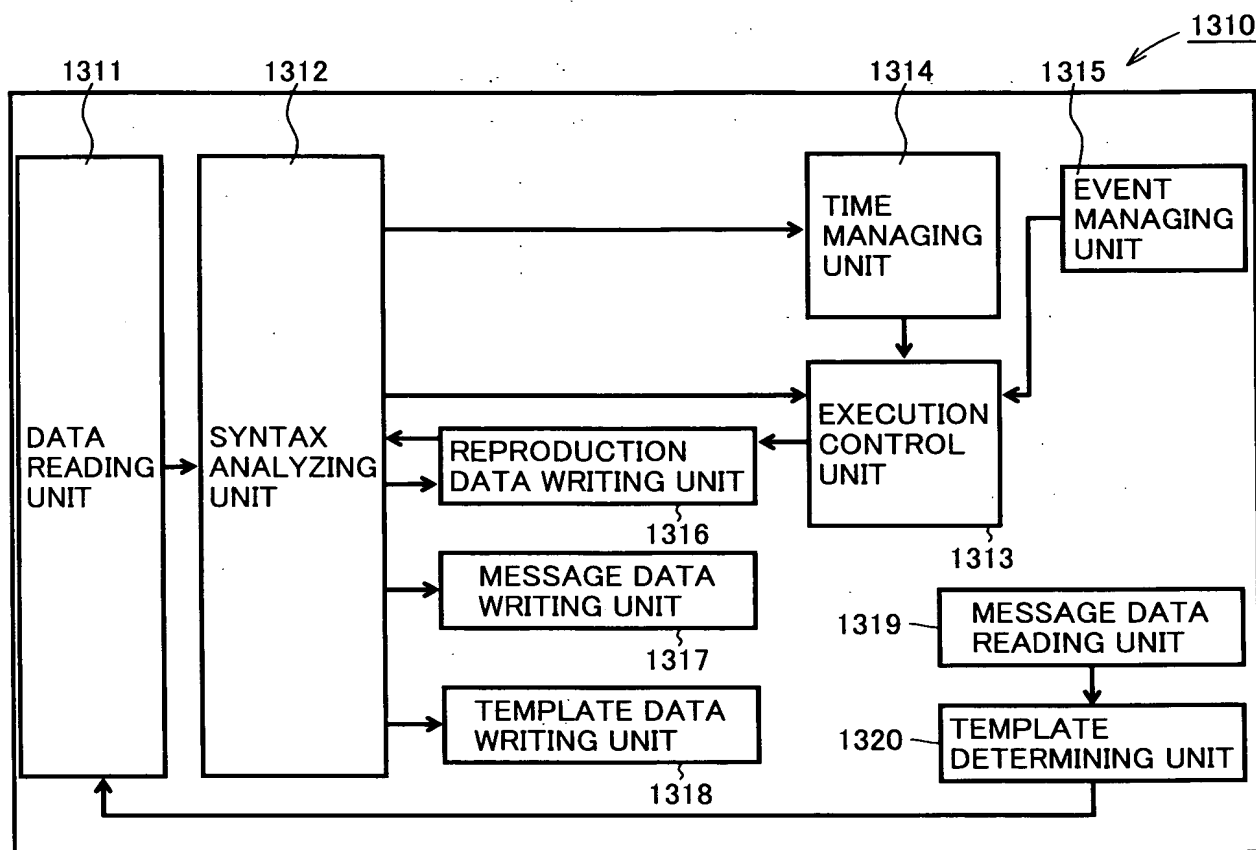


FIG.23

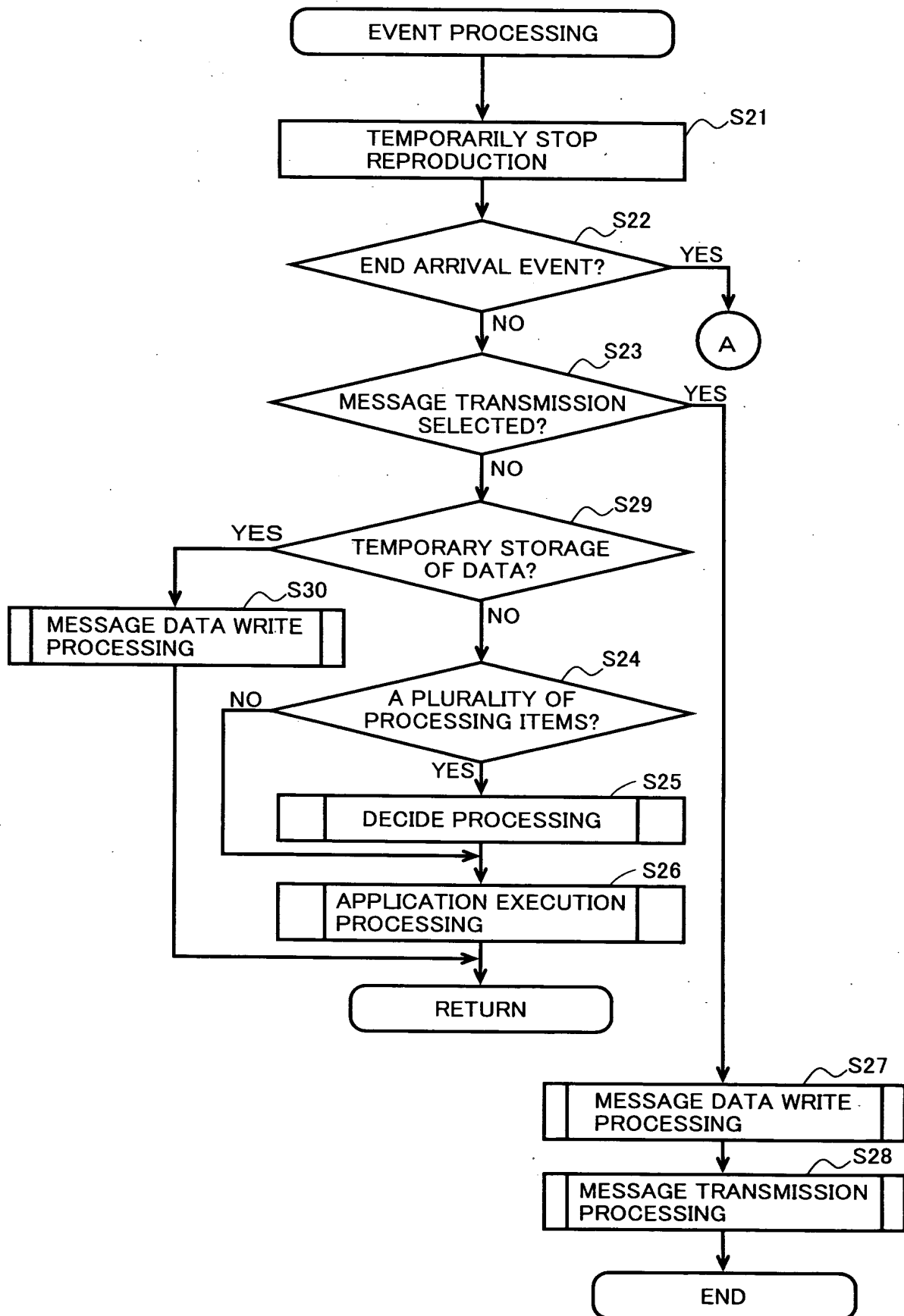


FIG.24

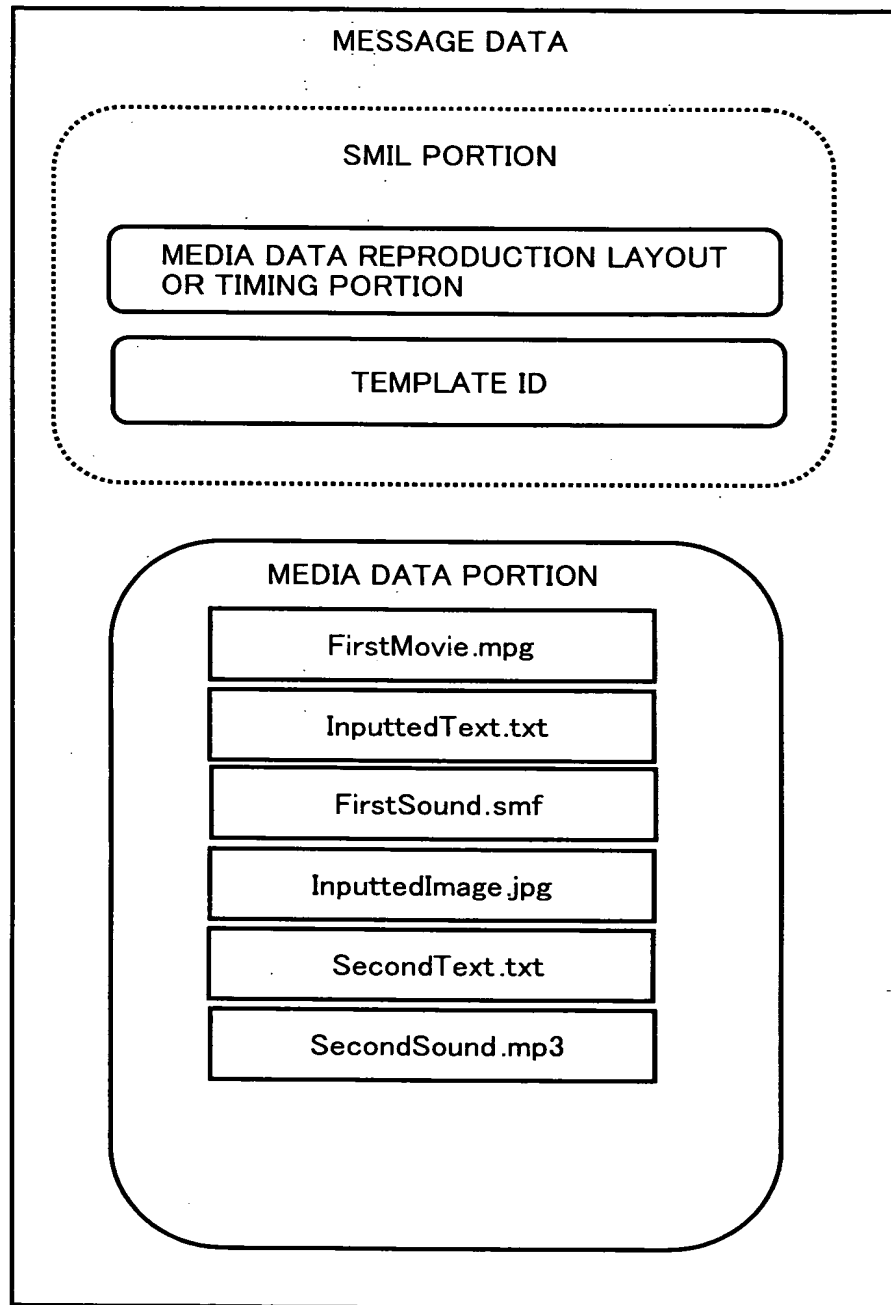


FIG.25

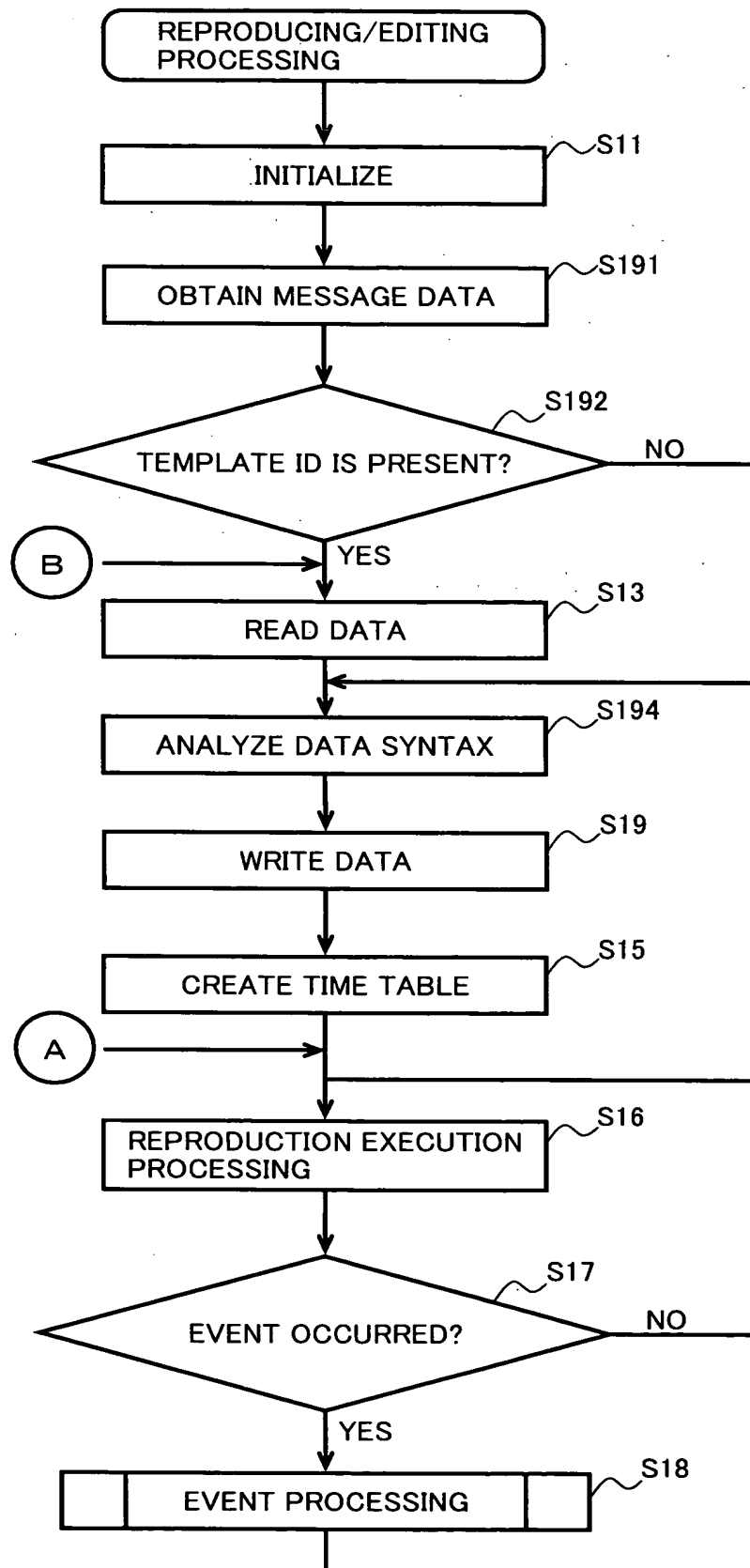


FIG.26

```
1.    <smil>
2.    <head>
3.        <meta name="title" content="Happy Birthday" />
4.        <meta name="author" content="Sharp" />
5.        <meta name="role" content="template" />
6.    <layout>
7.        <root-layout width="240" height="300"/>
8.        <region id="Image" width="240" height="240" left="0" top="0" />
9.        <region id="Text" width="240" height="60" left="0" top="240"/>
10.    </layout>
11.    </head>
12.    <body>
13.        <par dur = "8s">
14.            <video src = "FirstMovie.mpg" region="Image" />
15.            <text id="text1" src="InputtedText.txt" region="Text" />
16.            <audio src = "FirstSound.smf" />
17.            <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.        </par>
19.        <par dur = "8s">
20.            <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.            <text src="SecondText.txt" region="Text" />
22.            <audio id="audio2" src = "SecondSound.mp3" />
23.            <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.            <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.        </par>
26.    </body>
27.    </smil>
```

FIG.27

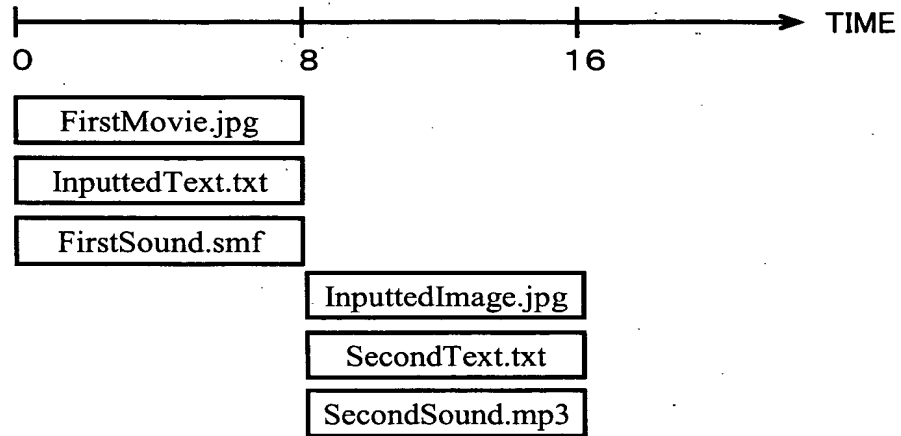
START  
REPRODUCTION

FIG.28

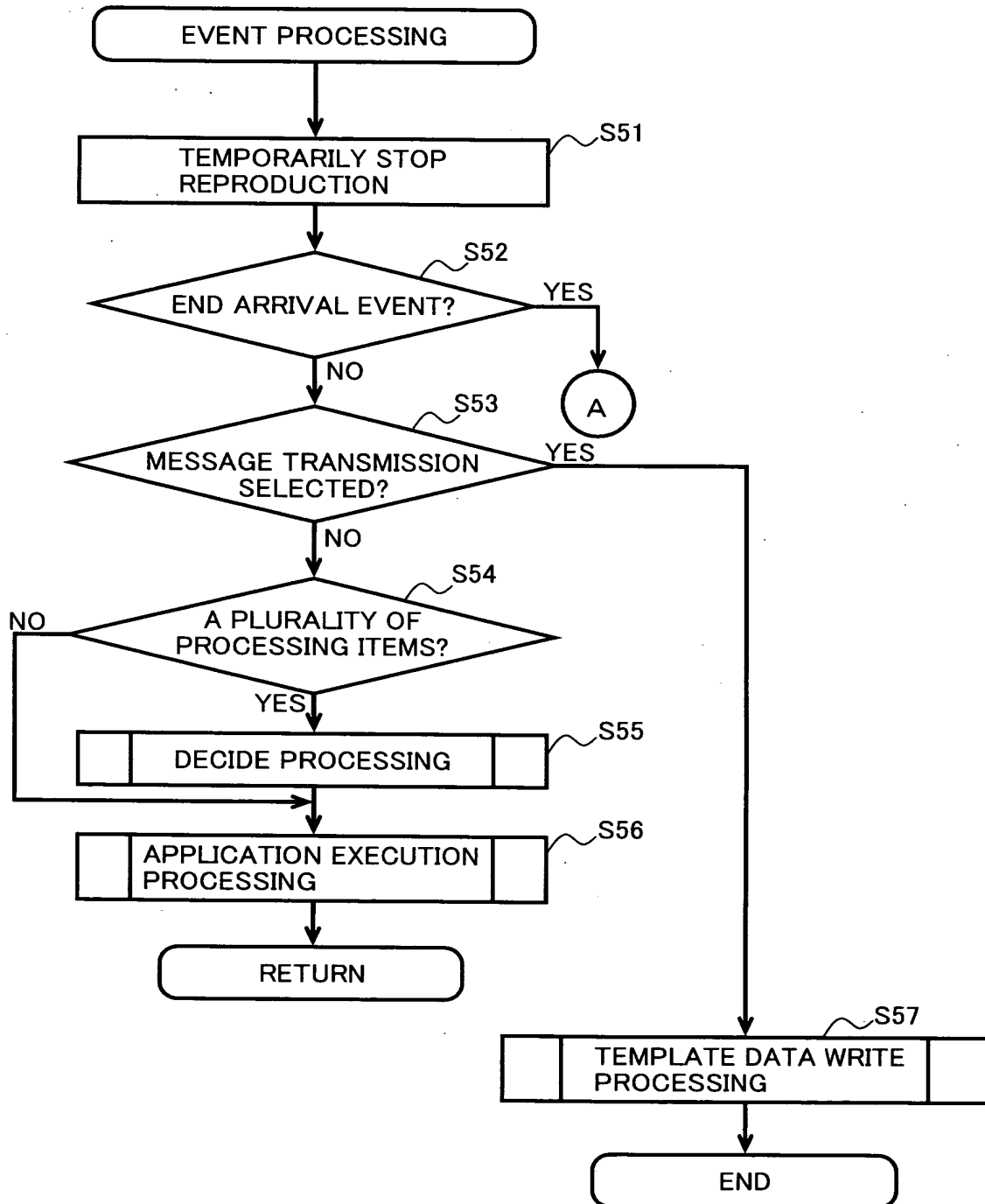




FIG.29

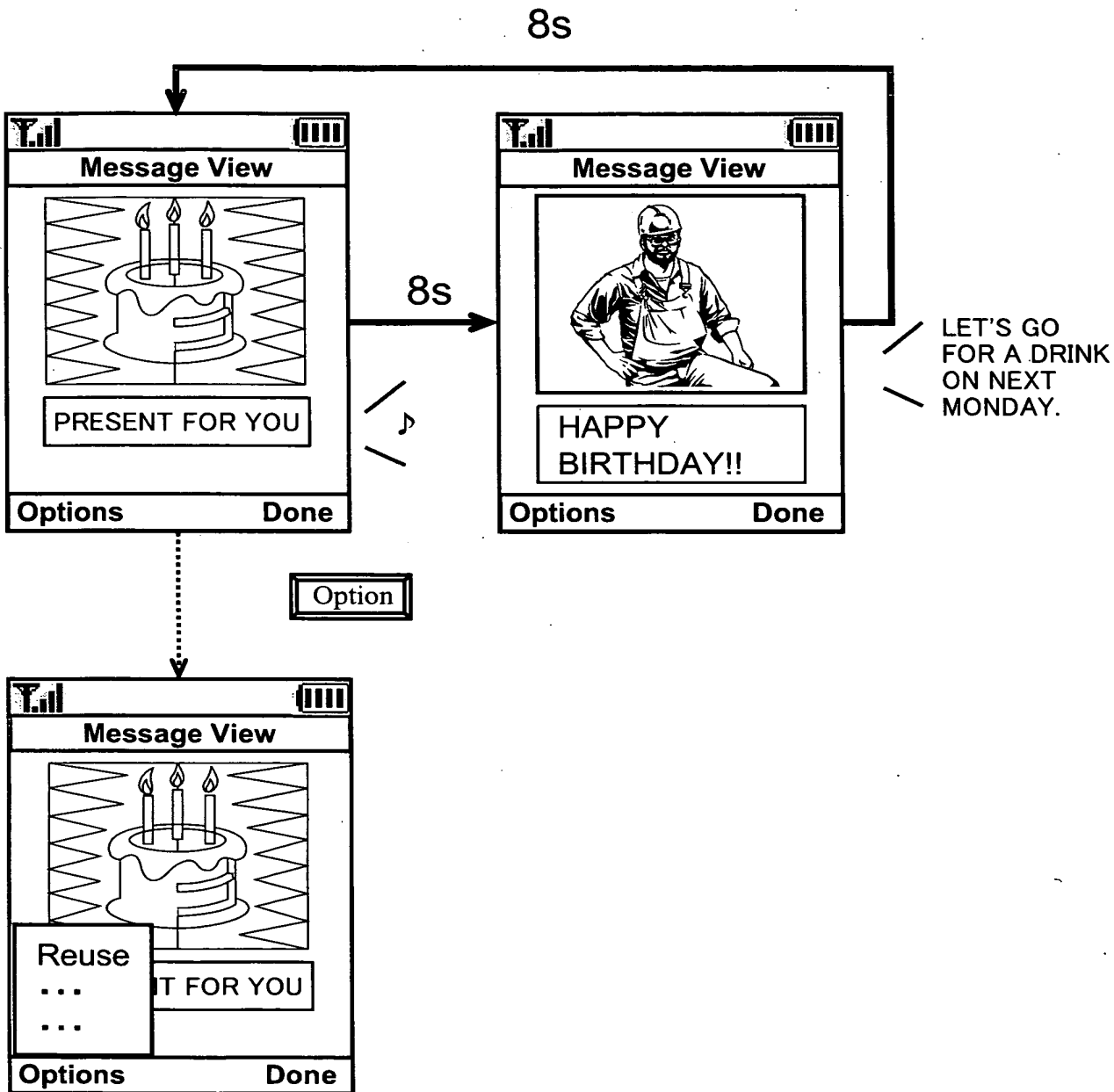


FIG.30

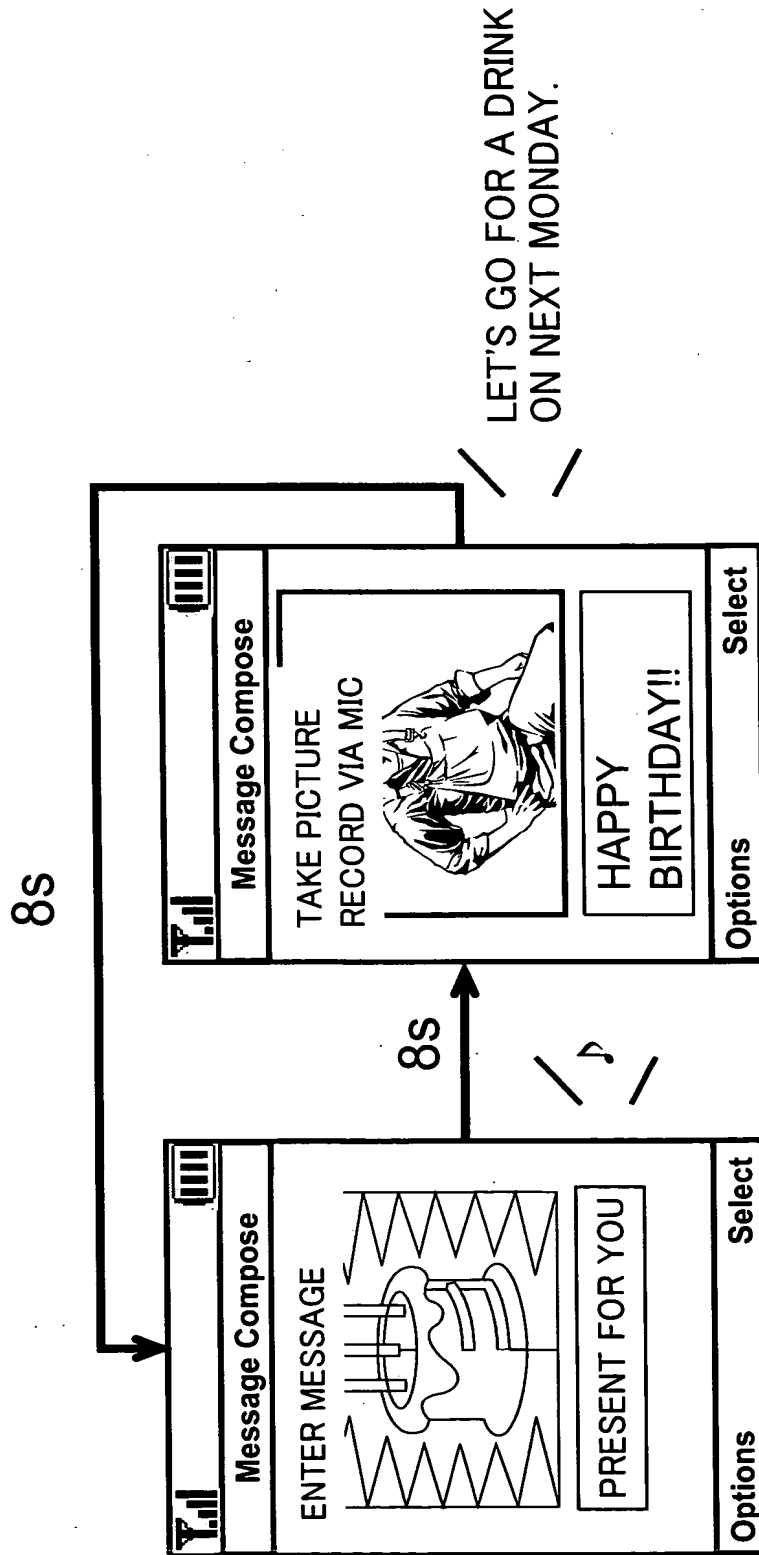


FIG.31

```

1.    <smil>
2.    <head>
3.        <meta name="title" content="Happy Birthday" />
4.        <meta name="author" content="Sharp" />
5.        <meta name="role" content="template" />
6.    <layout>
7.        <root-layout width="240" height="300"/>
8.        <region id="Image" width="240" height="240" left="0" top="0" />
9.        <region id="Text" width="240" height="60" left="0" top="240"/>
10.    </layout>
11. </head>
12. <body>
13.     <par dur = "8s">
14.         <video src = "FirstMovie.mpg" region="Image" />
15.         <text id="text1" src="FirstText.txt" region="Text" />
16.         <audio src = "FirstSound.smf" />
17.         <switch mode="composition">
18.             <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.         </switch>
20.     </par>
21.     <par dur = "8s">
22.         <img id="pic2" src = "SecondImage.jpg" region="Image" />
23.         <text src="SecondText.txt" region="Text" />
24.         <audio id="audio2" src = "SecondSound.mp3" />
25.         <switch mode="composition">
26.             <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
27.             <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
28.         </switch>
29.     </par>
30. </body>
31. </smil>

```

RANGES TO BE INTERPRETED

FIG.32

```

1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video id="video1" src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text" />
16.     <audio src = "FirstSound.smf" />
17.     <switch mode="composition">
18.       <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.     </switch>
20.     { <switch mode="view">
21.       <prompt command="http://hoge.com" targetID="video1" desc="Access to hoge.com !!" />
22.     } </switch>
23.   </par>
24.   <par dur = "8s">
25.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
26.     <text src="SecondText.txt" region="Text" />
27.     <audio id="audio2" src = "SecondSound.mp3" />
28.     <switch mode="composition">
29.       <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
30.       <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
31.     </switch>
32.   </par>
33. </body>
34. </smil>

```

ACCESS INFORMATION

FIG.33

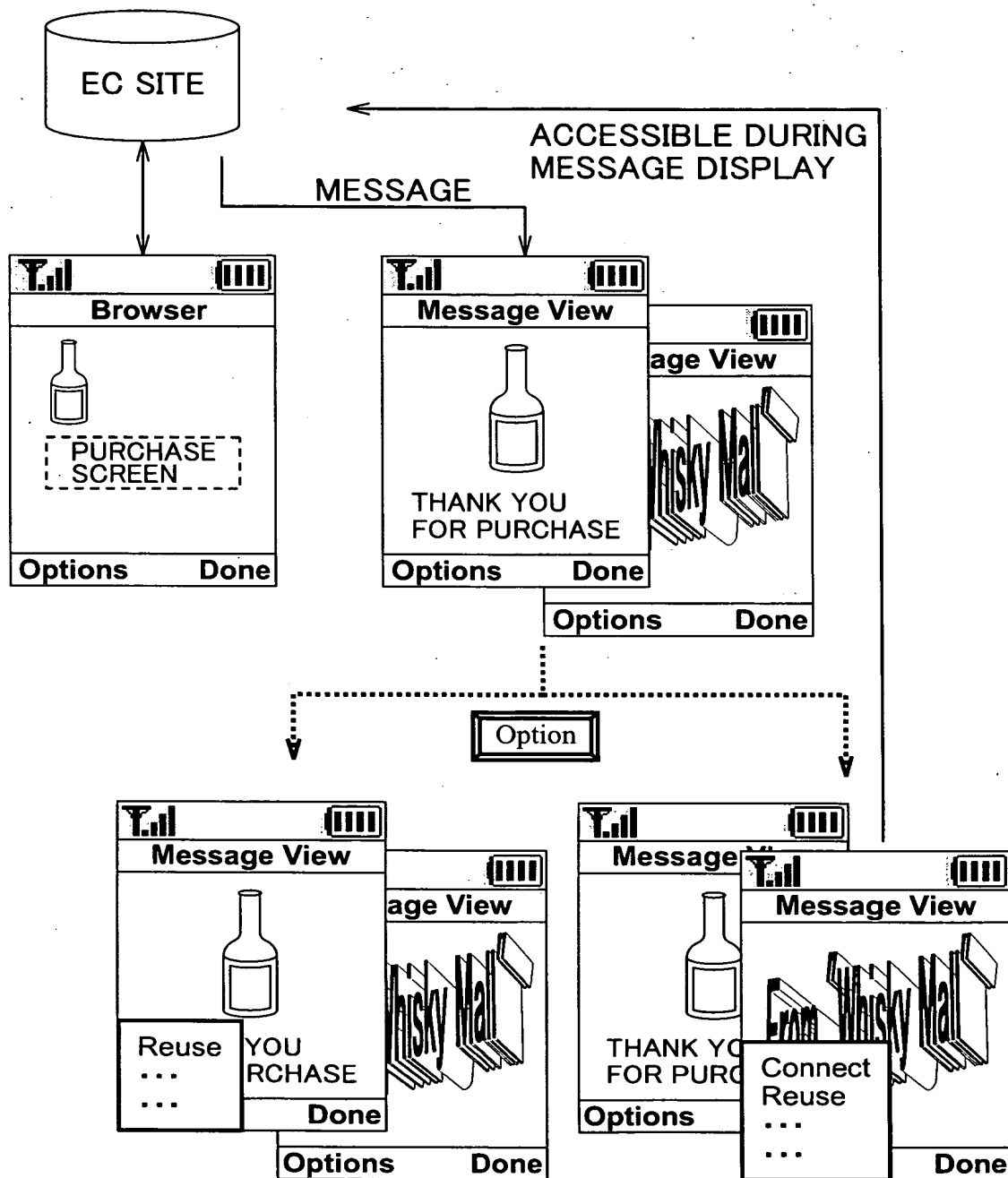


FIG.34

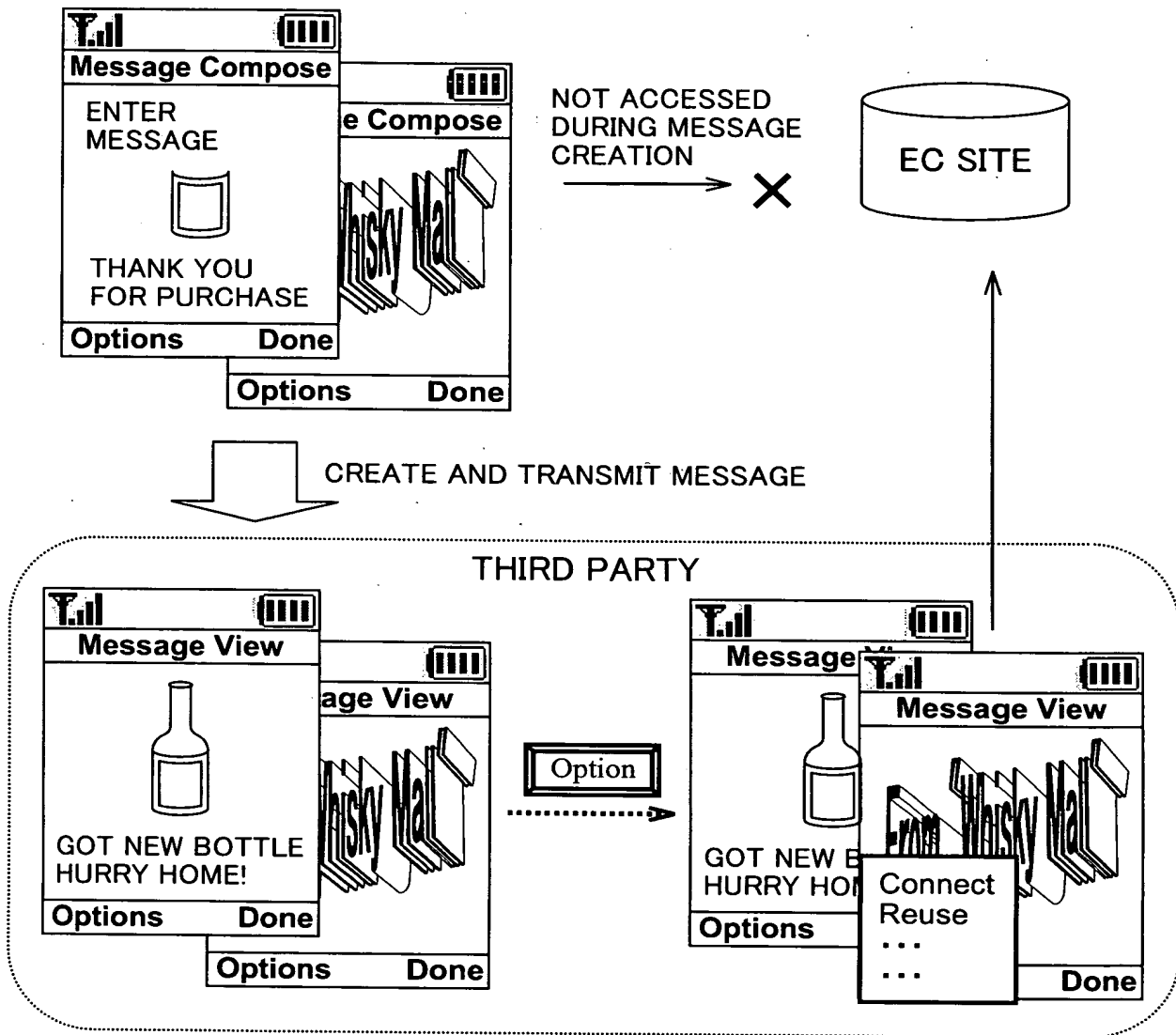


FIG.35

```
1.    <smil>
2.    <head>
3.        <meta name="title" content="Happy Birthday" />
4.        <meta name="author" content="Sharp" />
5.        <meta name="role" content="template" />
6.    <layout>
7.        <root-layout width="240" height="300"/>
8.        <region id="Image" width="240" height="240" left="0" top="0" />
9.        <region id="Text" width="240" height="60" left="0" top="240"/>
10.    </layout>
11. </head>
12. <body>
13.     <par dur = "8s">
14.         <video src = "FirstMovie.mpg" region="Image" />
15.         <text id="text1" src="FirstText.txt" region="Text" />
16.         <audio src = "FirstSound.smf" />
17.         <switch mode="composition">
18.             <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.         </switch>
20.     </par>
21.     <par dur = "8s">
22.         <img id="pic2" src = "SecondImage.jpg" region="Image" />
23.         <text src="SecondText.txt" region="Text" />
24.         <audio id="audio2" src = "SecondSound.mp3" />
25.         <switch mode="view">
26.             <prompt commandsrc="url.txt" targetId="url" desc="Please Access " />
27.         </switch>
28.         <switch mode="composition">
29.             <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
30.             <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
31.             <prompt command="text_edit" targetId="url" desc="Input URL " />
32.         </switch>
33.     </par>
34. </body>
35. </smil>
```

FIG.36

```

1.  <smil>
2.  <switch mode="composition">
3.  <head>
4.    <meta name="title" content="Happy Birthday" />
5.    <meta name="author" content="Sharp" />
6.    <meta name="role" content="template" />
7.    <layout>
8.      <root-layout width="240" height="300"/>
9.      <region id="Image" width="240" height="240" left="0" top="0" />
10.     <region id="Text" width="240" height="60" left="0" top="240"/>
11.   </layout>
12. </head>
13. <body>
14.   <par dur = "8s">
15.     <video id="videol" src = "FirstMovie.mpg" region="Image" />
16.     <text id="text1" src="FirstText.txt" region="Text" />
17.     <audio src = "FirstSound.smf" />
18.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.   </par>
20.   <par dur = "8s">
21.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
22.     <text src="SecondText.txt" region="Text" />
23.     <audio id="audio2" src = "SecondSound.mp3" />
24.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
25.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
26.   </par>
27. </body>
28. </switch>
29. <switch mode="view">
30. <head>
31.   <layout>
32.     <root-layout width="240" height="300"/>
33.     <region id="Image" width="240" height="240" left="0" top="0" />
34.     <region id="Text" width="240" height="60" left="0" top="240"/>
35.   </layout>
36. </head>
37. <body>
38.   <par dur = "8s">
39.     <video id="videol" src = "FirstMovie.mpg" region="Image" />
40.     <text id="text1" src="FirstText.txt" region="Text" />
41.     <audio src = "FirstSound.smf" />
42.     <prompt command="http://hoge.com" targetID="videol" desc="Access to hoge.com" />
43.   </par>
44.   <par dur = "8s">
45.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
46.     <text src="SecondText.txt" region="Text" />
47.     <audio id="audio2" src = "SecondSound.mp3" />
48.   </par>
49. </body>
50. </switch>
51. </smil>

```



FIG.37

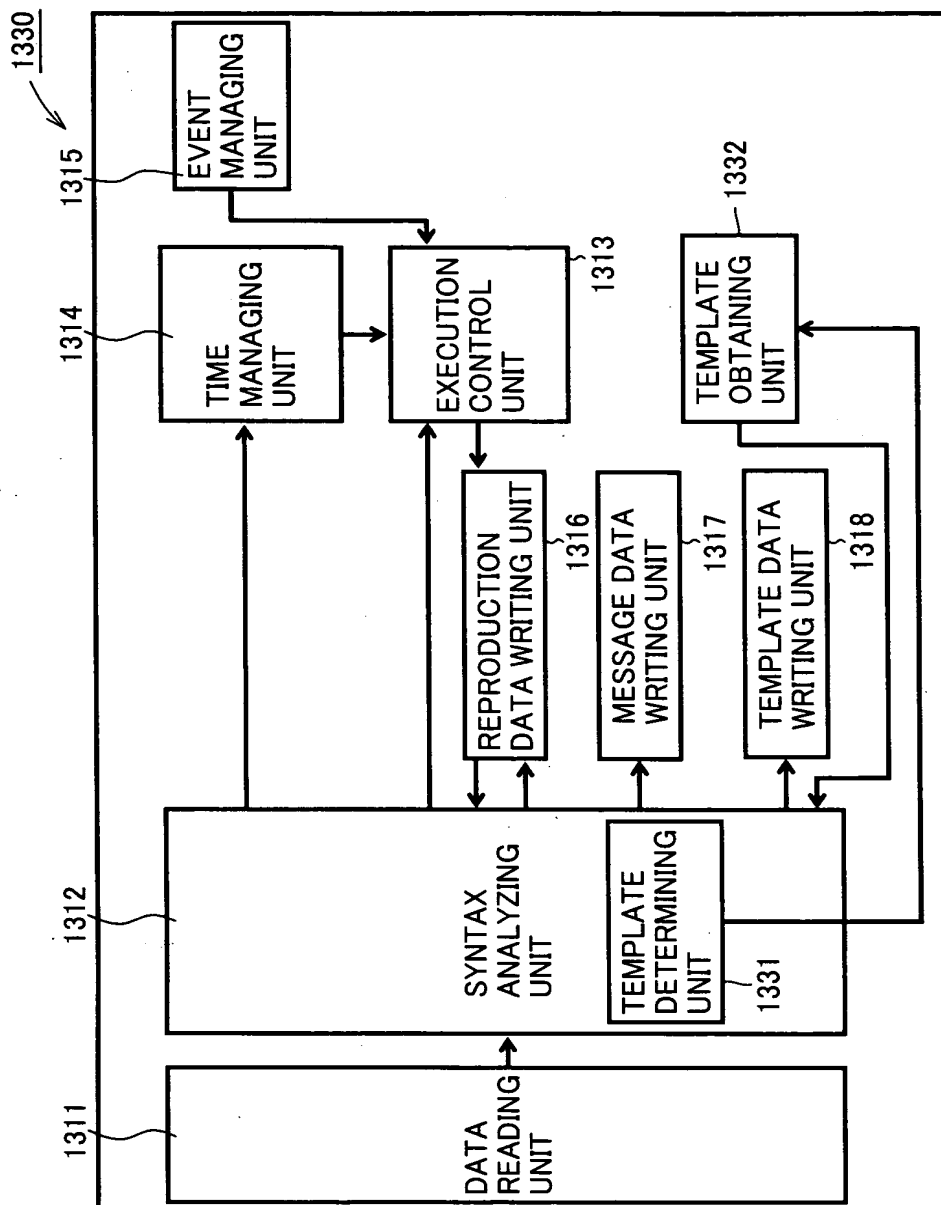


FIG.38

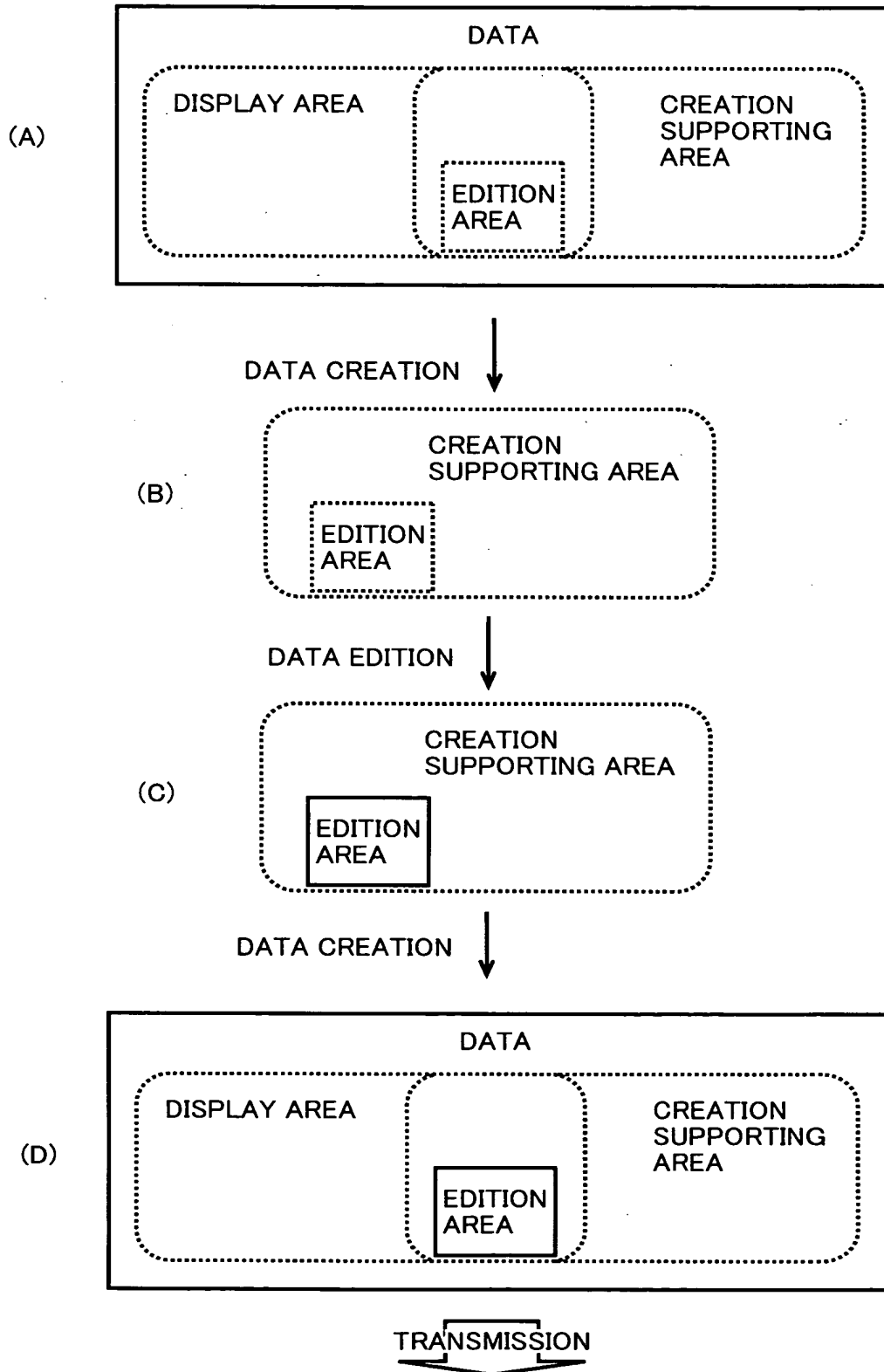


FIG.39

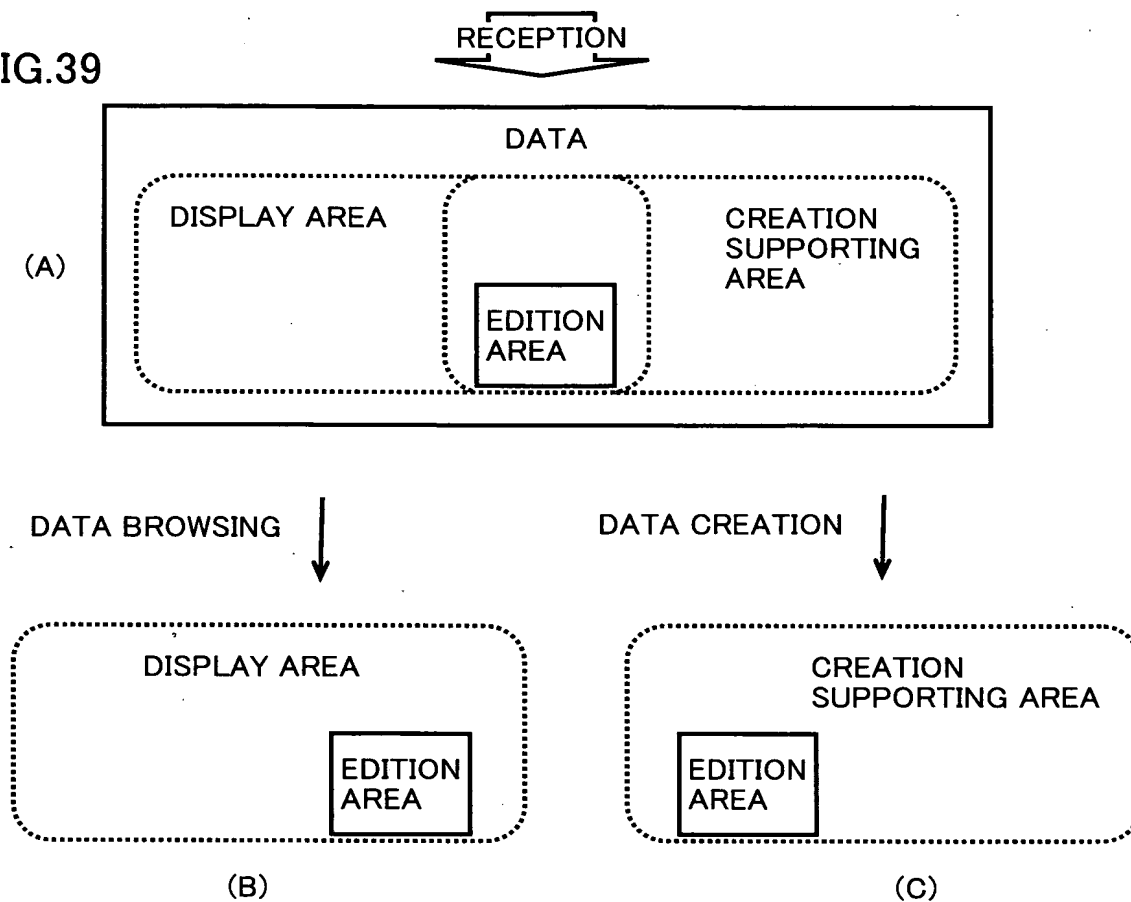


FIG.40

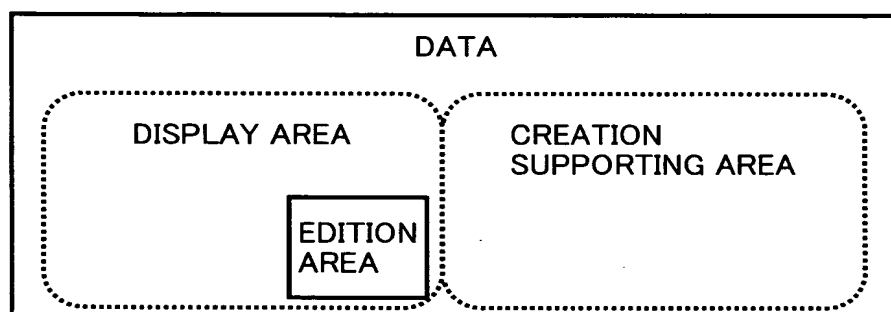
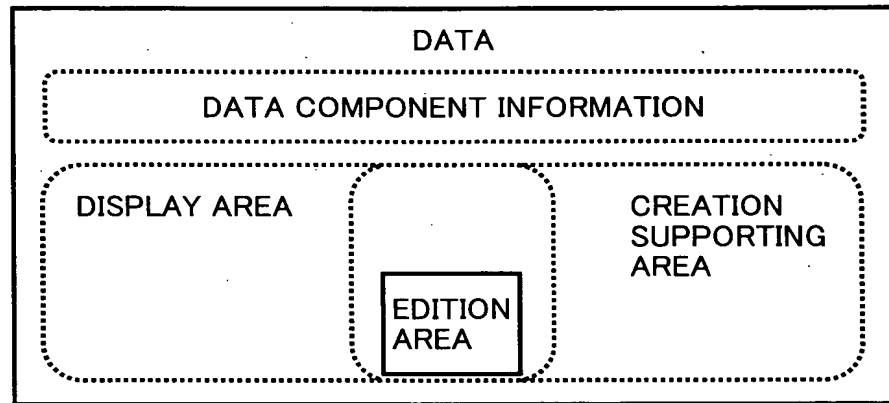


FIG.41



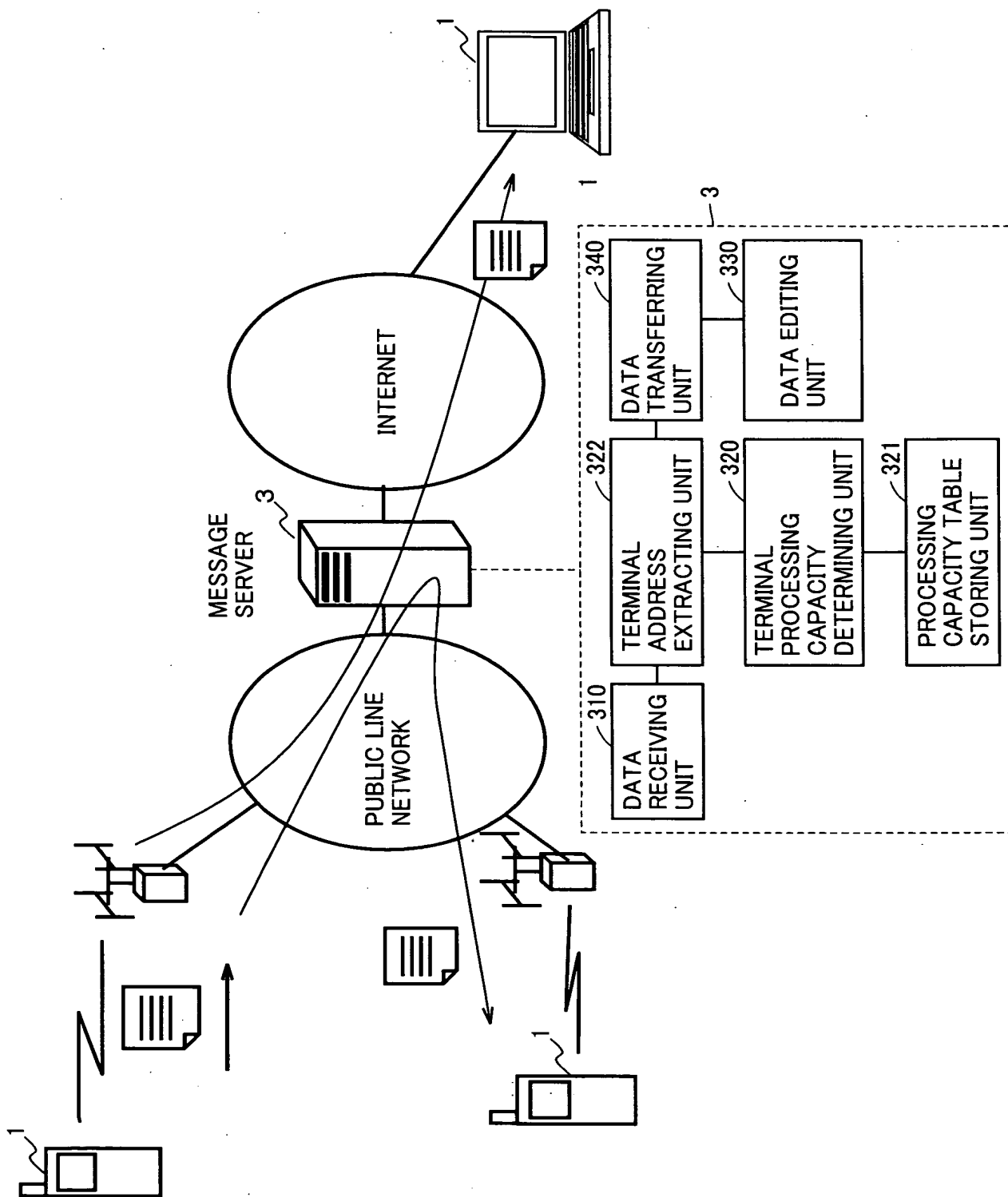


FIG.43

```

1.  <smil>
2.  <head>
3.      <meta name="title" content="Happy Birthday" /> EDITABLE AREA
4.      <meta name="author" content="Sharp" /> SPECIFYING PORTION
5.      <meta name="role" content="template" /> START FUNCTION OR
6.      <meta name="replace" content="InputtedText.txt:text_edit" /> GUIDANCE PORTION
7.      <meta name="replace" content="InputtedImage.jpg:camera" />
8.      <meta name="replace" content="SecondSound.mp3:mic" />
9.  </head>
10. <body>
11.     <root-layout width="240" height="300"/>
12.     <region id="Image" width="240" height="240" left="0" top="0" />
13.     <region id="Text" width="240" height="60" left="0" top="240"/>
14.     </body>
15.     <par dur = "8s">
16.         <video src = "FirstMovie.mpg" region="Image" />
17.         <text id="text1" src="InputtedText.txt" region="Text" />
18.         <audio src = "FirstSound.smf" />
19.         <guidance desc="ENTER MESSAGE" /> GUIDANCE PORTION
20.     </par>
21.     <par dur = "8s">
22.         <img id="pic2" src = "InputtedImage.jpg" region="Image" />
23.         <text src="SecondText.txt" region="Text" />
24.         <audio id="audio2" src = "SecondSound.mp3" />
25.         <guidance desc="TAKE PICTURE" /> GUIDANCE PORTION
26.         <guidance desc="RECORD VIA MIC" />
27.     </par>
28. </body>
29. </smil>
30.

```

## FIG.44

```
1.      <smil>
2.      <head>
3.          <meta name="title" content="Happy Birthday" />
4.          <meta name="author" content="Sharp" />
5.          <meta name="role" content="template" />
6.          <layout>
7.              <root-layout width="240" height="300"/>
8.              <region id="Image" width="240" height="240" left="0" top="0" />
9.              <region id="Text" width="240" height="60" left="0" top="240"/>
10.         </layout>
11.      </head>
12.      <body>
13.          <par dur = "8s">
14.              <video src = "FirstMovie.mpg" region="Image" />
15.              <text id="text1" src="InputtedText.txt" region="Text" />
16.              <audio src = "FirstSound.smf" />
17.          </par>
18.          <par dur = "8s">
19.              <img id="pic2" src = "InputtedImage.jpg" region="Image" />
20.              <text src="SecondText.txt" region="Text" />
21.              <audio id="audio2" src = "SecondSound.mp3" />
22.          </par>
23.      </body>
24.      </smil>
```

FIG.45

```
1.      <smil>
2.      <head>
3.          <meta name="title" content="Happy Birthday" />
4.          <meta name="author" content="Sharp" />
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10.         </layout>
11.     </head>
12.     <body>
13.         <par dur = "8s">
14.             <video src = "FirstMovie.mpg" region="Image" />
15.             <text id="text1" src="InputtedText.txt" region="Text" />
16.             <audio src = "FirstSound.smf" />
17.             <guidance desc="ENTER MESSAGE" />
18.         </par>
19.         <par dur = "8s">
20.             <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.             <text src="SecondText.txt" region="Text" /> "
22.             <audio id="audio2" src = "SecondSound.mp3
23.             <guidance desc="TAKE PICTURE" />
24.             <guidance desc="RECORD VIA MIC" />
25.         </par>
26.     </body>
27. </smil>
```

GUIDANCE PORTION

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